

Amendment to th Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-25 (Cancelled).

26. (New) A valve deactivation system, comprising:

a deactivation rocker arm assembly including an elongate rocker arm, an aperture defined by said rocker arm, a center post slidingly disposed within said aperture, said center post configured for engaging a valve stem of a valve of an internal combustion engine, a locking pin assembly having an actuating pin member, a second pin member and a middle pin member selectively coupling together and decoupling said center post and said rocker arm; and

a free motion spring assembly including:

an inner spring retainer surrounding a portion of the valve stem;
an outer spring retainer surrounding a portion of the valve stem;
an inner spring surrounding a portion of the valve stem, said inner spring being disposed between a disk cap associated with the valve stem and said inner spring retainer; and
an outer spring surrounding said inner spring, said outer spring being disposed between said outer spring retainer and the disk cap,

wherein said rocker arm includes elongate arms, said arms being one of attached to and integral with a body of said rocker arm and extending therefrom, said arms engaging one of said inner spring retainer and said outer spring retainer.

27. (New) The valve deactivation system of claim 26, wherein said arms extend in a direction that is generally parallel with said body of said rocker arm, said outer spring biasing said outer spring retainer into engagement with said arms, said inner spring retainer configured for being coupled to the valve stem.

28. (New) The valve deactivation system of claim 27, wherein said outer spring retainer includes a rim, said outer spring normally biasing said rim into engagement with a periphery of said inner spring retainer.

29. (New) A valve deactivation system, comprising:
a deactivation rocker arm assembly including an elongate rocker arm having an end, an aperture defined by said end, a center post slidingly disposed within said aperture, said center post configured for engaging a valve stem of a valve of an internal combustion engine, said end of said rocker arm defining a first pin bore and a second pin bore, said first pin bore and said second pin bore being substantially concentric relative to each other, said center post defining a middle pin bore, wherein said deactivation rocker arm assembly further comprises a pin spring disposed within said second pin bore;

a locking pin assembly selectively coupling together and decoupling said center post and said rocker arm, said locking pin assembly including an actuating pin, a second pin member and a middle pin member, said actuating pin member slidingly disposed at least partially within said first pin bore, said second pin member slidingly disposed at least partially within said second pin bore, and said middle pin member slidingly disposed at least partially within said middle pin bore; and

a free motion spring assembly,

wherein said pin spring normally biases said locking pin assembly toward a default position wherein said actuator pin member extends a predetermined distance from disposition within said first pin bore in a direction away from said center post, said middle pin member extends from disposition within said middle pin bore into said first pin bore, and said second pin member extends from disposition within said second pin bore into said middle pin bore to thereby couple said center post to said rocker arm.